

	Tuesday	Speaker	Title
		session chair	Pre-biotic Chemistry
8:00 AM	IB	Chen	The Emergence of Darwinian Competition Between Model Protocells
8:20 AM	IB	Cody	Abiotic Organic Chemistry promoted in primitive Terrestrial Hydrothermal Environments
8:40 AM	IB	de Vries	Prebiotic chemistry of nucleobase pairing
9:00 AM	IB	Hud	Bridging the Gap Between the Small Molecule World and the RNA World
9:20 AM	IB	Huo	PREBIOTIC PROCESSING OF COMET IMPACT AND SHOCK CHEMISTRY OF ABLATED MATERIALS
9:40 AM	IB	Joyce	EVOLUTION OF CATALYTIC RNA IN THE LABORATORY
10:00 AM	break		
10:20 AM	IB	Martin	Production of Organic Molecules from Carbon Dioxide via Photocatalysis on Colloidal Semiconductor Particles
10:40 AM	IB	Schoonen	Ni-alloy mediated reduction of dinitrogen
11:00 AM	IB	Simoneit	Prebiotic Reactions and Synthesis of Organic Compounds Under Hydrothermal Conditions.
11:20 AM	IB	Springsteen	Selections for a DNAzyme polymerase
11:40 AM	IB	Usher	Peptide Bond Formation on an Oligonucleotide Template
12:00 PM	IB	Weber	PREBIOTIC SYNTHESIS OF CHIRAL SUGARS AND SUGAR-DRIVEN POLYMER SYNTHESIS YEILDING ORGANIC MICROSPHERULES
12:20 PM	lunch		
12:40 PM			
1:00 PM		session chair	Meteorites
1:20 PM	IC	Abreu	INSIGHTS INTO THE ORIGINS OF CARBONACEOUS MATERIALS IN CHONDRITIC METEORITES FROM MICROSCALE IN SITU EFTEM.
1:40 PM	IC	Bernstein	Laboratory Studies of Interstellar and Solar System Radiation Processing as a Source of Meteoritic Organic Molecules.
2:00 PM	IC	Charnley	Interstellar Precursors of Meteoritic Organics.
2:20 PM	IC	cooper	Enantiomeric and Isotopic Analysis of Meteorite Sugar Derivatives
2:40 PM	IC	Huang	Molecular and isotopic compositions of pyrolytic and chemical degradation products of insoluble organic matter from different carbonaceous chondrite groups
3:00 PM	break		
3:20 PM	IC	Lauretta	Phosphorus Cosmochemistry and Prebiotic Evolution
3:40 PM	IC	McKay	FOCUSED ION BEAM MICROSCOPY OF ALH84001 CARBONATE DISKS
4:00 PM	IC	McKay	Experimental Studies of the Abiotic Formation of Carbonate-Sulfide-Magnetite Assemblages: Implications for Martian Meteorite ALH84001
4:20 PM	IC	Pizzarello	The origin and evolution of meteorite organics: An amino acid perspective
4:40 PM	IC	Rasbury	Evaluating the stratigraphic response to large meteorite impacts
5:00 PM	poster session		
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